

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Katsuhiko HIRAMATSU

Art Unit: 2661

#4
06-02-03
ST

Application No.: 10/019,690

Filed: January 4, 2002

For:



COMMUNICATION TERMINAL APPARATUS AND DEMODULATION
METHOD

INFORMATION DISCLOSURE STATEMENT

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MAY 29 2003

Assistant Commissioner of Patents
Washington, DC 20231

Technology Center 2600

Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. All of these references were cited in a Supplementary European Search Report dated April 23, 2003 (copy attached).

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106. Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,

James E. Ledbetter
Registration No. 28,732

Date: May 28, 2003

JEL/spp

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FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

L9289.01229

SERIAL NO.

10/019,690

APPLICANT

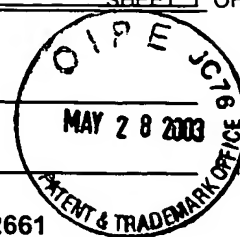
Katsuhiko HIRAMATSU

FILING DATE

January 4, 2002

GROUP

2661



U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
			5	8	7	2	7	7	5	02/1999	Saints et al.			

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FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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S. ABETA, et al.: "Adaptive Channel Estimation for Coherent DS-CDMA Mobile Radio Using Time-Multiplexed Pilot and Parallel Pilot Structures," *IEICE Transactions on Communications*, Institute of Electronics Information and Comm. Eng. Tokyo, JP, vol. E. 82 B., no. 9, September 1999, XP000904922 ISSN: 0916-8516, pp. 1505-1513.

A. F. ALMUTAIRI, et al.: "Performance of Multi-level Modulation In MMSE Receiver Based CDMA Systems," MILCOM 1999. IEEE Military Communications Conference Proceedings. Atlantic City, NJ, October 31- November 3, 1999, IEEE Military Communications Conference, New York: IEEE, US, vol. Vol 1 of 2 Conf. 18, October 31, 1999, XP000921957 ISBN: 0-7803-5539-3, pp. 398-402

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.